

Product Datasheet

Calcipressin-1 Antibody (orb12369)

Catalog Number	orb12369
Category	Antibodies
Description	Goat polyclonal antibody to RCAN1
Target	Calcipressin-1
Clonality	Polyclonal
Conjugation	Unconjugated
Reactivity	Mouse
Predicted Reactivity	Bovine, Canine, Human, Rat
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Protein Sequence	HIGSSHLAPPNPD
MW	28.1; 13.3; 22.8
Tested applications	ELISA, FC, IF, KO/KD Validated, WB
Dilution range	ELISA: 1:32000, WB: 1-3 µg/ml
Application notes	WB: Approx 40kDa band corresponding to isoform 1L observed in Mouse Brain lysates and this band is not present in the KO mouse. Additional bands around 55kDa were consistently observed, however these band were also observed in the KO mice and therefore they

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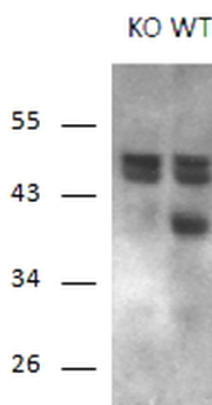
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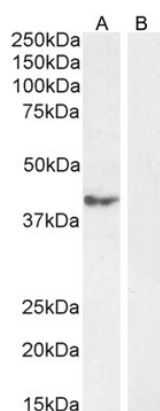
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	1827
Expiration Date	12 months from date of receipt.



1 µg/ml staining of Mouse Brain and KO Mouse Brain lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



1 µg/ml staining of Human Cerebellum lysate (A) + peptide (B). (35 µg protein in RIPA buffer). Detected by chemiluminescence.

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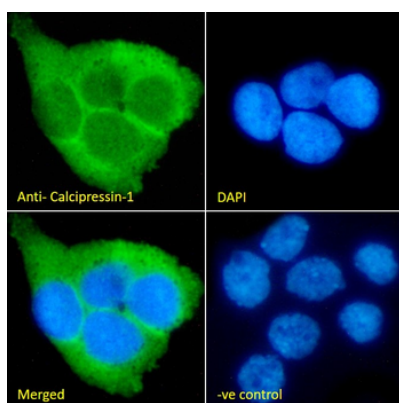
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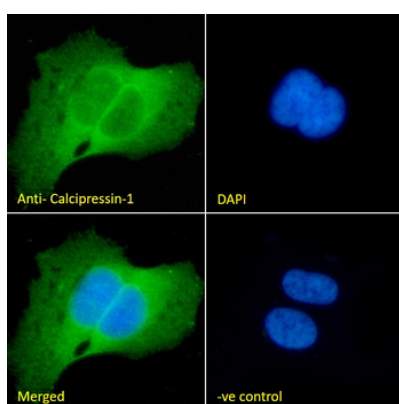
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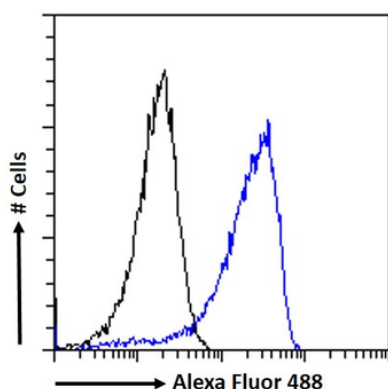
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Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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